

# ILLINOIS HIGHWAY INFORMATION SYSTEM

## STRUCTURE INFORMATION AND PROCEDURE MANUAL

ITEM NAME    **APPRAISAL RATINGS - GENERAL**

ITEM NO.	<b>67-69,71,72</b>
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EFF. DATE	<b>07/01/02</b>

The items in the Appraisal section are used to evaluate a bridge in relation to the level of service that it provides on the highway system of which it is a part. The structure will be compared to current bridge design standards for that particular type of road as further defined in the individual Appraisal Item descriptions. Note Item 72 for special criteria when evaluating this item.

### **CODE AND SCREEN ENTRY INSTRUCTIONS**

The items comprising this section are:

<u>Item Number</u>	<u>Item Name</u>	<u>Length</u>
67	Structural Evaluation	1 digit
68	Deck Geometry Appraisal	1 digit
69	Underclearance (Vertical & Horizontal) Appraisal	1 digit
71	Waterway Adequacy Appraisal	1 digit
72	Approach Roadway Alignment Appraisal	1 digit

See Item 71 for this item's specific coding requirements.

The following codes apply to Items 67, 68, 69 and 72:

<u>Code</u>	<u>Description</u>
<b>N</b>	Not applicable
<b>9</b>	Superior to present desirable criteria
<b>8</b>	Equal to present desirable criteria
<b>7</b>	Better than present minimum criteria
<b>6</b>	Equal to present minimum criteria
<b>5</b>	Somewhat better than minimum adequacy to tolerate being left in place as is
<b>4</b>	Meets minimum tolerable limits to be left in place as is
<b>3</b>	Basically intolerable requiring high priority of corrective action
<b>2</b>	Basically intolerable requiring high priority of replacement
<b>0</b>	Bridge closed

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Completed bridges not yet opened to traffic, if rated, shall be appraised as if open to traffic. Design values (for example ADT) shall be used for the evaluation.

History is retained for these items based upon each Inspection Date - Item 90.

Note: Items 67, 68 and 69 are computer generated and will not appear on Update Screens but will appear on Inquiry Screens. If any of the Items 67, 68 or 69 are preceded by an asterisk (\*), this indicates that one or more of the items needed to computer generate the Item 67, 68 or 69 is missing or invalid.

Items 67, 68 and 69 will be recalculated nightly whenever any item that is used to calculate an Appraisal Rating's value is changed.

For the computer generated items 67, 68 and 69, the nightly recalculated values will not be retained in history. When a new inspection record is entered into the ISIS database, the value of these data items at the time that inspection is entered will be electronically stored on the inspection record.